ASSEMBLY

Please check to make sure the following items are included with the main unit in the carton:

(1) Operating instructions
(2) Platter
(3) Slip mat
(4) Counterweignt
(5) 45 rpm adaptor
(6) Headshell with 520sk cartridge
(7) Dust cover
(8) AC cord
(9) Connecting cord

FEATURES

1.High torque brush less DC motor
This set uses a high torque brushless DC motor to reach the normal speed of Rotation rapidly and reduce braking time.

2. +/-8%,+/-16%,+/-25% pitch control
The pitch can be changed in a range of +/-8%,+/-16%,+/-25% using the pitch slider. A pitch On/off button lets you return to the normal speed of rotation at the touch of a button.

3. Pitch correction
When pitch correction is on, musical key tone can be kept constant even when the platter speed is changed with the slider.

4. 78 rpm compatible
This set can play 33, 45 and 78 rpm records.

5. Digital out
The music output is in digital format and can be reproduced on an external digital processor or an MD recorder.

1
Remover all the parts from the box.

2
Remover the packaging materials from the unit and all the parts.
Set the parts on a stable surface when removing the packaging materials.
Handling the parts roughly could result in scratches or deformation.

3
Check the voltage selector switch is set to an appropriate position.
ex.

U.S.A & CANADA :	115V
EUROPE :	230V

4
Insert the platter onto the motor shaft.

5
Set the slip mat on the platter, lining it up with the motor shaft.

Mounting the counterweight

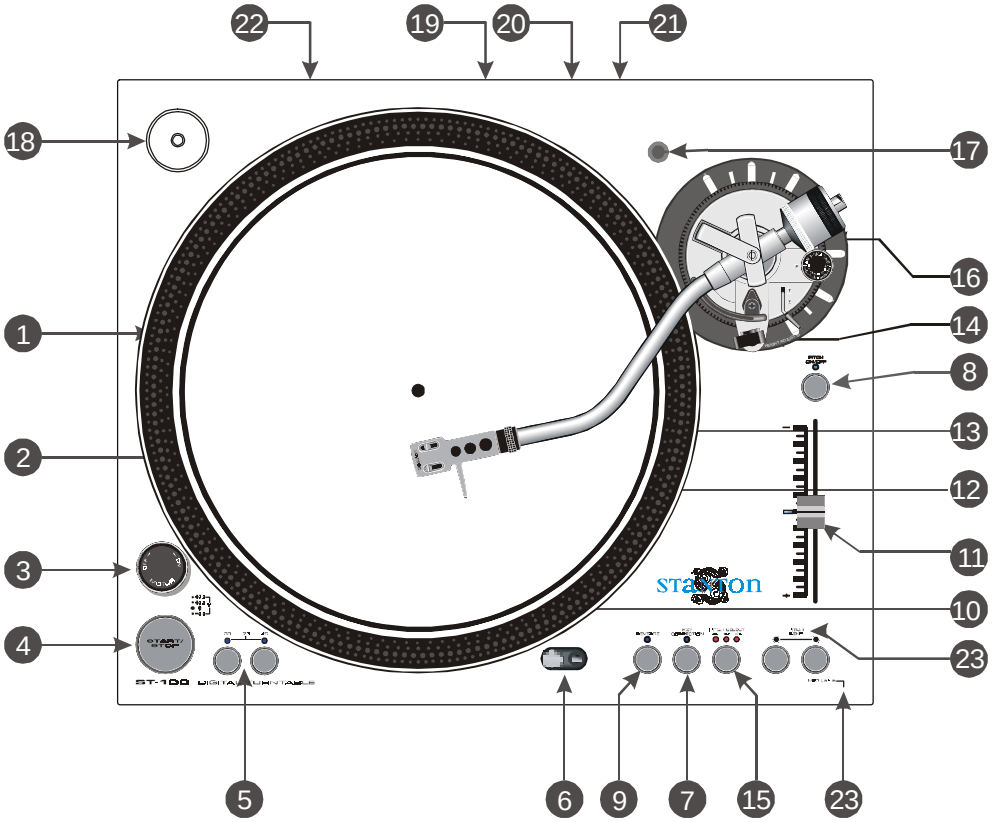
Mount the counterweight on the shaft at the back of the tone arm.

Mounting the cartridge

Insert the headshell on which the cartridge has been mounted into the tone arm and fasten it in place using the lock nut.

Instructions on how to setup the tonearm from the website should be added on this page.

PART NAMES AND FUNCTIONSPASSEMBLY



1 Strobe dots

2 Voltage selector

Check that the voltage selector switch is set to an appropriate voltage before use.

3 Motor ON/OFF SWITCH

ON - Rotate right
OFF- Rotate left

4 Start/Stop button (START/STOP)

Press this button to start and stop the platter rotation.

5 Platter revolution speed buttons

33 rpm - Press 33
45 rpm - Press 45
78 rpm - Press 33 and 45

6 Target light

Press the button to the right and a light will pop up directed at the stylus position.

7 Key correction

Press to enable key correction the light will turn on and the key won't change when adjusting the pitch slider. Press again to disable key correction the light will turn off.

8 Pitch ON/OFF

ON - Will allow use of the pitch adjust.
OFF - Will hold the revolution speed at exactly the specified speed.

9 Reverse

Press this button to switch the reverse and forward playback.

10 Headshell

The cartridge has been pre-mounted on the headshell.

When installing a cartridge, refer to the installation instructions supplied by the manufacturer of that cartridge.
During installation, attach the stylus protector to guard the stylus tip from damage.

11 Pitch slider
Use this to change the speed of the platter when the PITCH button is lit. You can adjust the speed in a range of +/-8% or +/-12%.

12 Headshell locking nut
Attach headshell by inserting into the front end of the tone arm, then turn the locking nut clockwise with the head shell firmly held horizontally.

13 Tonearm

14 Tone arm clamp and rest
Use this rest the tone arm and clamp it in position during transportation.

15 PITCH SELECT
Press the knob to switch +/-8%,+/-16%,+/-25%.

16 Counterweight
Use this to balance the tone arm and to adjust the stylus pressure.

17 Extra stylus holder
Place extra headshells here.

18 45rpm adaptor holder
Place on the attached 45 rpm adaptor here.
Push down the rear side of 45 rpm adaptor to take it.

19 Output terminal (DIGITAL OUTPUT)
Use this output to connect your ST-100 to a digital device such as a CD-R or Computer**.**

20 Line / Phono selector

21 Line out

22 Power switch

23 Mp3 Line in

OPERATION

Starting playback

1Switch the power dial to turn on. The speed button and the strobe-illuminator light up.

2Turn on the amplifier's power. Then, select the function switch.

3Set a record on the platter. To play 45 rpm records, use the included adaptor.

4Set the speed button's according to the record's playing speed.

5Press the START/STOP button.

6Hold the head shell's finger support, and move the tone arm to the desired position over the record.

7Lower the tone arm gently until the stylus is on the record and playback begins.

8Adjust the speed of rotation.
When pitch is on, the speed of the platter can be adjusted in a range of +/-8%,+/-16%,+/-25% by the pitch slider.
The speed is lower than the displayed speed when the strobe is flowing to the right, higher than the displayed speed when the strobe is flowing to the left.
When the strobe is stopped, the platter is turning at the displayed speed.
When the key adjust button is pressed during the pitch control mode, the button lights on, and musical key tone can be kept constant even the platter speed is changed with the slider.

Stopping or interruption playback

1Stopping or interruption playback. Raise the tone arm off the record.

2Hold the head shell's finger support and move the tone arm back onto the arm rest.

3Secure the tone arm on the arm rest.

4Press the START/STOP button. The platter stops turning.

CONNECTIONS

Be sure to turn off the amplifier-s power when making connections.

(1) Analog connections

1-1Connect the left (white) and right (red) plugs RCA cord to the amplifier's left and right "Phono".

1-2Connect the connector side of the power cord to the set-s power connector terminal (AC IN).

1-3Plug the power cord into an appropriate power outlet. Check that the power outlet-s capacity is sufficient.

(2) Digital connections

2-1Use an RCA cord (not included) to connect the digital output jack.

2-2Connect the RCA cord of step 1 into the digital input jack of a "Digital Processor" or "MD Recorder".

2-3Connect the connector side of the power cord to the set-s power connector terminal (AC IN).

2-4Plug the power cord into an appropriate power outlet. Check that the power outlet-s capacity is sufficient.

SPECIFICATION

Power supply: AC 115/230v, 50/60Hz:

Power consumption: 15W

Dimensions: 450(W) x 352(D) x 148(H)mm

Weight: 9.5Kg

Motor: 8pole, 3phase, brushless DC motor

Starting Torque: More than 1.6 kgf.cm

Platter: 330mm dia. Aluminun diecast

Pitch: +/-12%, +/-8%

Brake: Electronic brake

Wow & Flutter: Less than 0.20% WRMS (JIS WTD) with $33_{1/3}$rpm

S/N ratio: More than 50dB (DIN-B)

Channel Separation: More than 15 dB